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AMSAT NEWS SERVICE
ANS-171

The AMSAT News Service bulletins are a free, weekly news and information service of AMSAT North America, The Radio Amateur Satellite Corporation. ANS publishes news related to Amateur Radio in space including reports on the activities of a worldwide group of Amateur Radio operators who share an active interest in designing, building, launching and communicating through analog and digital Amateur Radio satellites.

The news feed on http://amsat.org publishes news of Amateur Radio in space as soon as our volunteers can post it.

Please send any amateur satellite news or reports to ans-editor at amsat dot org.

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SB SAT @ AMSAT $ANS-171.01
ANS-171 AMSAT News Service Weekly Bulletins

AMSAT News Service Bulletin 171.01
>From AMSAT HQ PO Box 27, Washington, DC 20044-0027
June 20, 2021
To All RADIO AMATEURS
BID: $ANS-171.01

AMSAT Announces Candidates for 2021 Board of Directors Election

The nomination period for the 2021 Board of Directors Election ended on June 15, 2021. The following candidates have been duly nominated:

Joseph Armbruster, KJ4JIO
Robert Bankston, KE4AL
Jerry Buxton, N0JY
Zach Metzinger, N0ZGO

To comply with AMSAT's Bylaws, an election will be held via AMSAT's Wild Apricot membership system. Instructions for voting will be emailed by July 15, 2021 to all members who are in good standing as of July 1, 2021.

As four seats on the Board of Directors are up for election this year, all four candidates will be seated on the Board when the voting period concludes on September 15, 2021.

To ensure that they receive their voting instructions, members should make sure their current email address is up to date in AMSAT's records. Members should log into the AMSAT Membership Portal at https://launch.amsat.org/ and check their account for their current email address. If a member has moved or changed their email address, they are encouraged to update their contact information at this

time. (Note: If they have not already done so, members can instantly create their membership account at that same page so they can inspect their record. A membership account is not the same as an AMSAT Store account.)

[ANS thanks Jeff Davis, KE9V, AMSAT Secretary for the above information]

ARISS Slow Scan Television Event set for June 21-26, 2021

ARISS reports there will be an “Amateur Radio on Shuttle, MIR and ISS” Slow Scan TV (SSTV) event from June 21-26, 2021. Transmissions from the International Space Station will be on 145.800 MHz FM using the PD120 format.

The ARISS team will be transmitting SSTV images continuously from June 21 until June 26. The images will be related to some of the Amateur Radio activities that have occurred on the Space Shuttle, MIR space station and the International Space Station.

The scheduled start and stop times are:

Monday, June 21 – Setup is scheduled to begin at 09:40 UTC (transmissions should start a little later).

Saturday, June 26 – Transmissions are scheduled to end by 18:30 UTC.

The signal should be receivable on a handheld with a 1/4 wave whip. If your rig has selectable FM filters try the wider filter for 25 kHz channel spacing.

Those that recently missed the opportunity during the limited period of MAI transmissions should have numerous chances over the six day period to capture many, if not all 12, of the images.

Check the ARISS SSTV blog for the latest information at http://ariss-sstv.blogspot.com/.

Pass predictions for the ISS pass times are available at https://www.amsat.org/track/.

Useful SSTV info and links https://amsat-uk.org/beginners/iss-sstv/

[ANS thanks AMSAT UK for the above information.]

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"Also enabled is the PSAT (NO84) digipeating. And its HF to UHF transponder is always on for PSK31. See http://aprs.org/psat.html for further information.

[ANS thanks Bob Bruninga, WB4APR for the above information]

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Complete information on the awards program can be found at
https://mars3b8.wordpress.com/2021/06/19/mir-sat1-special-award/.

[ANS thanks Jean Marc Momple, 3B8DU for the above information.]

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Upcoming Satellite Operations

EM72, June 21-25, 2021
N4DCW be there all week. Operating vacation style, but DM him if you need a sked. He'll have a decent Eastern horizon for those on the other side of the Atlantic.

IN73, Later June
EA4M will be in IN73 on holidays, probably for a week or so. He will try some birds. Check Twitter for schedules.

DL98, Last week in June
WA5RR is looking at doing a rove in DL98 with an overnight stay in Eagle Pass, TX. Details to follow.

CN98, Last week of June
N5LEX

DN63, July 2, 2021; DN64, July 3, 2021
ND0C and KE0WPA along with their resident photojournalist (Mom/Amy) will be taking a family excursion to the southwest and working some sats as time permits. Among the less commonly worked grids from which they plan to operate are DN63 7/2, DN64 7/2 & 7/3. Check @kylee_ke0wpa for info.

Tortola, BVI, July 4-17, 2021
VP2V/K3TRM will be operating from Tortola, BVI on 40-6M SSB & digital, and satellite.

DM62, ~July 9, 2021
K5TA is tentatively planning when there are several good passes mid-day, making it a doable day-trip for him.

[ANS thanks Paul Overn, KE0PBR for the above information.]

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The ISS callsign is presently scheduled to be FXØISS.
The downlink frequency is presently scheduled to be 437.525 MHz.
The scheduled astronaut is Thomas Pesquet KG5FYG.
Contact is go for: Friday, June 25, 2021 at 08:34:42 UTC.

A multi-point telebridge contact means that each student will be on the telebridge from their own home.

+ Current Status of ISS Stations

IORS (Kenwood TM-D710GA) - STATUS - ACTIVE. supporting cross band repeater operation (145.990 up [67 Hz tone] /437.800 down MHz). Next mode change to packet operations targeting after Field Day. Supporting USOS scheduled voice contacts, packet and voice repeater ops.

Service Module radios:
Kenwood TM-D710E - STATUS - Radio usually off.
Supporting ROS scheduled voice contacts and SSTV.

Watch for possible operation mode change sometime after ARRL Field Day. Exact date and time TBD.
The latest information on the operation mode can be found at:
https://www.ariss.org/current-status-of-iss-stations.html

[ANS thanks Charlie Sufana, AJ9N for the above information.]

Satellite Shorts from All Over

+ AMSAT Receives $403 from AmazonSmile

AMSAT has received its quarterly notification from AmazonSmile that it has made a charitable donation to the Radio Amateur Satellite Corporation, in the amount of $403.32 as a result of qualifying purchases made by its members who have selected AMSAT.

Thanks to AMSAT shoppers at smile.amazon.com, their everyday purchases have generated $7,097.98 in donations to the Radio Amateur Satellite Corporation so far.

[ANS thanks AmazonSmile for the above information.]

* Where are the Women in STEM?

Do you have a young lady in the family who is looking for ways to get involved in the world of science? When it comes to science influencers, Emily Calandrelli is a household name for a new generation of space enthusiasts. If you have kids, you may know her from “Emily’s Wonder Lab” on Netflix, which brought DIY science experiments into viewers’ homes during the pandemic lockdown. She’s also the long-running host of “Xploration Outer Space,” and a speaker and the author of the Ada Lace children’s book series. While Emily’s communication style is fun and accessible, she has a rigorous science and engineering background underpinning her work, with two master’s degrees from the Massachusetts Institute of Technology.

Check out Emily's website, The Space Gal at http://www.thespacegal.com/women-in-stem for ideas on how to engage your youngster in the adventures of space.

[ANS thanks Via Satellite for the above information.]

+ Fly the SpaceX ISS Docking Simulator!

"Now arriving at Docking Port #1..." Think you have "all the right stuff"? The SpaceX ISS Docking Simulator lets you try your hand at safely docking your Dragon space capsule to the ISS. In fact, they say it is the exact same interface that astronauts use on the job. Be sure to check the instructions tab for a quick overview of how the controls work. It's fun! Test your piloting skills at

https://iss-sim.spacex.com/.

[ANS thanks SPACEX for the above information.]

+ Chinese Astronauts Enter Tiangong Space Station for First Time

Three Chinese astronauts floated into the country’s new Tiangong space station Thursday, becoming the first people to board China’s outpost in orbit after a successful launch from a military base in the Gobi Desert to start a three-month mission. The three astronauts will spend the next three months testing systems on-board the station, three times longer than any previous Chinese human spaceflight mission. In total, China has now launched 12 astronauts into orbit on seven crewed Shenzhou missions since 2003.

Read the complete story at https://tinyurl.com/ANS-171-Tiangong.

[ANS thanks Spaceflight Now for the above information.]

Not an AMSAT member? Join now at https://launch.amsat.org/

In addition to regular membership, AMSAT offers membership in the President's Club. Members of the President's Club, as sustaining donors to AMSAT Project Funds, will be eligible to receive additional benefits. President's Club donations may be made at https://tinyurl.com/ANS-PresClub.

Primary and secondary school students are eligible for membership at one-half the standard yearly rate. Post-secondary school students enrolled in at least half-time status shall be eligible for the student rate for a maximum of six post-secondary years in this status. Contact info at the amsat dot org for additional student membership information.

73,
This week's ANS Editor,
Frank Karnauskas, N1UW
n1uw at amsat dot org

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